



P A T E N T

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Panusopone et al.

Application No.: 10/613,865

Filed: July 3, 2003

For: **METHODS AND APPARATUS FOR VIDEO SIZE CONVERSION**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 24, 2003.

By: Carol Prentice
Carol Prentice

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. §1.56, Applicants wish to call the attention of the Examiner to the following references:

U.S. PATENT(S) :

<u>Patent No.</u>	<u>Patentee</u>	<u>Date of Issue</u>
5,477,397	Naimpally, et al.	Dec. 19, 1995
5,617,142	Hamilton	Apr. 1, 1997
5,619,733	Noe et al.	Apr. 8, 1997
5,923,814	Boyce	Jul. 13, 1999
5,926,573	Kim, et al.	Jul. 20, 1999
5,933,500	Blatter, et al.	Aug. 3, 1999
6,275,536	Chen et al.	Aug. 14, 2001
6,434,197	Wang et al.	Aug. 13, 2002
6,441,754	Wang et al.	Aug. 27, 2002

FOREIGN PATENT DOCUMENT(S) :

<u>Country</u>	<u>No.</u>	<u>Date of Publication</u>
EPO	0 627 854	Dec. 7, 1994
EPO	0 794 674	Sep. 10, 1997
International	97/39584	Oct. 23, 1997
EPO	1 032 214	Aug. 30, 2000

PUBLICATIONS:

Morrison, D.G., et al., "Reduction of Bit-Rate of Compressed Video While in its Coded Form", International Workshop on Packet Video, September 1, 1994, pages D17.1-D17.4.

Boyce, J.M., "Data Selection Strategies for Digital VCR Long Play Mode," Digest of Technical Papers for the International Conference on Consumer Electronics, New York, June 21, 1994, pp. 32-33.

G. Keesman, et al., "Transcoding of MPEG bitstreams," Signal Processing: IMAGE Communication, vol. 8, 1996. pp. 481-500.

Björk, Niklas et al., "TRANSCODER ARCHITECTURES FOR VIDEO CODING," IEEE Transactions on Consumer Electronics, Vol. 44, No. 1, February 1998, pp. 88-98.

Wee, S.J., et al., "Efficient Processing of Compressed Video", IEEE, Vol. 1, 1998, pages 855-859.

Staff of Cable Television Laboratories Inc., "DIGITAL TV SOLUTIONS," From the Labs: Cable World, February 1, 1999.

Dogan, S., et al., "Efficient MPEG-4/H/263 Video Transcoder for Interoperability of Heterogeneous Multimedia Networks", Electronics Letters, Vol. 35, No. 11, May 27, 1999, pp. 863-864.

Gebeloff, Rob., "The Missing Link,"
"http://www.talks.com/interactive/misslink-x.html."

R. Dugad and N. Ahuja, "A Fast Scheme for Downsampling and Upsampling in the DCT Domain," ICIP99, 1999 IEEE, pp.909-913.

C. Yim and M. A. Isnardi, "An Efficient Method for DCT-Domain Image Resizing with Mixed Field/Frame-Mode Macroblocks," IEEE Trans. Circ. and Syst. for Video Technology, Vol. 9, No. 5, August 1999, pp. 696-700.

Shen, B., et al., "Adaptive Motion-Vector Resampling for Compressed Video Downscaling", IEEE Transactions on Circuits and Systems for Video Technology, IEEE, Vol. 9, No. 6, September 1999, pp. 929-936.

Wee, S.J., et al., "Field-to-Frame Transcoding with Spatial and Temporal Downsampling", IEEE, Vol. 4 of 4, October 24, 1999, pages 271-275.

Song, J., et al., "Fast Extraction of Spatially Reduced Image Sequences from MPEG-2 Compressed Video", IEEE Transactions on Circuits and Systems for Video Technology, IEEE, Vol. 9, No. 7, October 1999, pp. 1100-1114.

Patent Abstracts of Japan, Abstract of Japanese Patent "IMAGE INFORMATION CONVERTER AND METHOD", Publication No. 20001204026, July 27, 2001.

Copies of the above-listed references are enclosed, together with a completed form PTO-1449.

Applicants also wish to bring to the Examiner's attention the following co-pending U.S. patent application:

Application No.

Filing Date

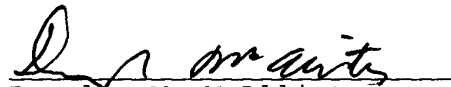
09/499,089

February 4, 2000

Consideration of these references by the Examiner is respectfully requested. To date, a first Office Action on the merits has not been received in connection with this application. This Information Disclosure Statement is therefore believed to be timely filed.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

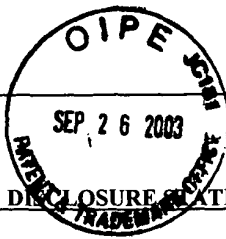
Respectfully submitted,


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Date: September 24, 2003

ATTORNEY DOCKET NO.: GIC-600.1



FORM PTO-1449

SEP 26 2003

ATTY. DOCKET NO.: GIC-600.1

SERIAL NO.:
10/613,865

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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GROUP:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,477,397	12/19/1995	Naimpally, et al.			
	AB	5,617,142	04/01/1997	Hamilton			
	AC	5,619,733	04/08/1997	Noe et al.			
	AD	5,923,814	07/13/1999	Boyce			
	AE	5,926,573	07/20/1999	Kim, et al.			
	AF	5,933,500	08/03/1999	Blatter, et al.			
	AI	6,275,536	08/14/2001	Chen et al.			
	AH	6,434,197	08/13/2002	Wang et al.			
	AG	6,441,754	08/27/2002	Wang et al.			

FOREIGN PATENT DOCUMENTS

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	AJ	0 627 854	12/07/1994	EPO			
	AK	0 794 674	09/10/1997	EPO			
	AL	97/39584	10/23/1997	International			
	AM	1 032 214	08/30/2000	EPO			

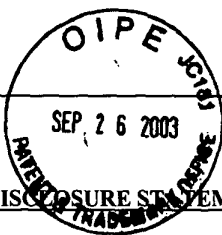
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	Morrison, D.G., et al., "Reduction of Bit-Rate of Compressed Video While in its Coded Form", <u>International Workshop on Packet Video</u> , September 1, 1994, pages D17.1-D17.4.
	AO	Boyce, J.M., "Data Selection Strategies for Digital VCR Long Play Mode," <u>Digest of Technical Papers for the International Conference on Consumer Electronics</u> , New York, June 21, 1994, pp. 32-33.
	AP	G. Keesman, et al., "Transcoding of MPEG bitstreams," <u>Signal Processing: IMAGE Communication</u> , vol. 8, 1996. pp. 481-500.
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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AU	Gebeloff, Rob., "The Missing Link," " http://www.talks.com/interactive/misslink-x.html ."
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AY	✓	Wee, S.J., et al., "Field-to-Frame Transcoding with Spatial and Temporal Downsampling", <u>IEEE</u> , Vol. 4 of 4, October 24, 1999, pages 271-275.
AZ	✓	Song, J., et al., "Fast Extraction of Spatially Reduced Image Sequences from MPEG-2 Compressed Video", <u>IEEE Transactions on Circuits and Systems for Video Technology</u> , IEEE, Vol. 9, No. 7, October 1999, pp. 1100-1114.
BA	✓	<u>Patent Abstracts of Japan</u> , Abstract of Japanese Patent "IMAGE INFORMATION CONVERTER AND METHOD", Publication No. 20001204026, July 27, 2001.

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